

05-24-07

1fw 2891

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

## PATENT APPLICATION

ATTORNEY DOCKET NO. 10010538-1Inventor(s): Xiao-An Zhang et al

Confirmation No.: 1230

Application No.: 09/823195

Examiner: C Everhart

Filing Date: 03/29/2001

Group Art Unit: 2891



Title: **Bistable Molecular Mechanical Devices with a Band Gap Change Activated by an Electric Field for Electronic Switching, Gating, and Memory Applications**

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT**

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment  
☐ New fee as calculated below  
☒ No additional fee  
☐ Other

- ☐ Petition to extend time to respond  
☐ Supplemental Declaration

Fee\$

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	40	MINUS	40	= 0	X \$50	\$ 0
INDEP. CLAIMS	2	MINUS	3	= 0	X \$200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	<input type="checkbox"/> 1st Month \$120	<input type="checkbox"/> 2nd Month \$450	<input type="checkbox"/> 3rd Month \$1020	<input type="checkbox"/> 4th Month \$1590		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Express Mail Label No.: EV 896710261

Date of Deposit: May 22, 2007Typed Name: L.D. RaphaelSignature: L.D. Raphael

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:  
Commissioner for Patents, Alexandria, VA 22313-1450

Respectfully submitted,

Xiao-An Zhang et al

By David W. Collins

David W. Collins

Attorney/Agent for Applicant(s)

Reg No.: 26857

Date: May 22, 2007

Telephone: (520) 399-3203



PATENT  
PD-10010538-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Confirmation No.: 1230

XIAO-AN ZHANG ET AL

Serial No.: 09/823,195

Group Art Unit: 2891

Filed: March 29, 2001

Examiner: C. M. Everhart

For: BISTABLE MOLECULAR MECHANICAL DEVICES WITH A  
BAND GAP CHANGE ACTIVATED BY AN ELECTRIC FIELD  
FOR ELECTRONIC SWITCHING, GATING, AND MEMORY APPLICATIONS

---

Mail Stop AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

This is in response to the Office Action dated February 22, 2007, rejecting Claims 1-3, 20-23, and 40 and objecting to Claims 4-19 and 24-39 in the above-identified patent application. Applicants are given three (3) months in which to respond. Please amend the application as follows, wherein amendments to the claims begin on page 2 hereof and Remarks begin on page 23 hereof: